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**THE NORTH AMERICAN ORYSSIDÆ.**

BY J. CHESTER BRADLEY.

The following characters serve to distinguish the family: metathorax not fissured in the middle; vertex tuberculate; front wings with two submarginal cells; *the antennæ inserted in a groove below the clypeus*; and the abdomen cylindrical. The ovipositor is in many specimens exerted, evidently at the will of the insect.

Out of four genera, *Oryssus* of Latreille, *Chalinus*, *Ophrynopus* and *Mocsarya* of Konow, two are represented in North America.

Face bi-carinate.....**Ophrynopus** Konow.  
Face not carinate.....**Oryssus** Latreille.

**OPHRYNOPUS** Konow.

1897, *Ophrynopus* Konow, Termeszetráji Füzetek, xx, p. 602.

Face with two longitudinal carinæ, which are united by a third carina above; a short carina is also present beneath each eye; vertex tuberculate; abdomen cylindrical.

**Ophrynopus mexicanus** Cresson.

1879, *Oryssus mexicanus* Cres., ♀, Proc. Ent. Soc. Phila., Acad. Nat. Sci., p. xi.

1897, *Ophrynopus mexicanus* Konow, ♀, Termeszetráji Füzetek, xx, p. 606.

♀.—Black. Face rough, with two longitudinal carinæ divergent at base and approaching above, where they are united by a third; above this is a semi-circle of tubercles; cheeks prominent, silvery sericeous; edge of clypeus reflexed; a short carina below each eye; antennæ black, inserted below the clypeus; prothorax silvery sericeous; mesothorax with a smooth ridge in the middle, and several distinct carinæ around each tegula; the sides of the first and second abdominal segments are also slightly carinate; wings fuscous, pale beneath the stigma; legs dark ferruginous, almost black; tibiæ silvery sericeous on the outside edge; posterior tibiæ with a double row of short teeth on the outside edge; abdomen dark, slightly ferruginous towards the base of each segment. Length 15 mm.

*Habitat*.—Mexico.

Type in the collection of the American Entomological Society.

**ORYSSUS** Latreille.

1796, *Oryssus* Latreille, Préc. car. génér. Insect., p. 111, n. 10.

Face without carinæ; vertex tuberculate; abdomen cylindrical.

There are four North American species, founded chiefly on color characters, though probably constant ones.

Six apical segments of abdomen red.....**occidentalis** Cresson.  
 Only three apical segments of abdomen red.....**terminalis** Newman.  
 Abdomen entirely black.

Thorax red.....**thoracicus** Ashmead.

Thorax black.....**sayi** Westwood.

### **Oryssus occidentalis** Cresson.

1879, *Oryssus occidentalis* Cresson, ♀ ♂, Proc. Ent. Soc. Acad. Nat. Sci. Phila.,  
 1879, p. x.

♂ ♀.—Black, except the 6 posterior segments of the abdomen and variable white spots on the antennæ, between the eyes, on the knees and tibiæ, and at the tip of the abdomen; face rough, vertex tuberculate; cheeks prominent; wings hyaline, fuscous or sub-fuscous beyond the stigma, except at the apex; abdomen black, six apical segments red. Length 8-14 mm.

*Habitat*.—Colorado, Nevada.

Types in the collection of the American Entomological Society.

### **Oryssus terminalis** Newman.

1838, *Oryssus terminalis* Newman, ♀, Entom. Mag., v, p. 486.

1841, *Oryssus hæmorrhoidalis* T. W. Harris, Treat. Insec. Mass., p. 394.

Black, except the three posterior segments of the abdomen, and variable white spots on the antennæ, between the eyes, on the knees and tibiæ, and sometimes at the tip of the abdomen; face rough, vertex tuberculate; cheeks prominent; wings more decidedly fuscous beyond the stigma than in most specimens of *O. occidentalis*; abdomen black, except the three apical segments, which are red. Length 9-15 mm.

*Habitat*.—Canada, Massachusetts, Pennsylvania, New York.

### **Oryssus thoracicus** Ashmead.

1898, *Oryssus thoracicus* Ashmead, Can. Ent., xxi, p. 178.

♂.—Similar to the other species, except that the two first five and the apical joints of the antennæ, the thorax and the legs are red; the abdomen is black. Length 4.75 mm.

*Habitat*.—Santa Cruz Mountains, California.

I have not seen this species.

### **Oryssus sayi** Westwood.

1830, *Oryssus sayi* Westwood, ♀, Zool. Journ., v, p. 440.

1841, *Oryssus maurus* T. W. Harris, Treat. Insec. Mass., p. 394.

1841, *Oryssus affinis* T. W. Harris, Treat. Insec. Mass., p. 394.

Black, except for white markings on antennæ, legs, etc.; face rough; vertex tuberculate; cheeks prominent; wings hyaline, more or less fuscous beyond the stigma, except at apex; black. Length 10-15 mm.

*Habitat*.—Canada, Massachusetts, Oregon (Mt. Hood).

Var. *affinis* has red legs.